

The First Record of *Prosthecarthron sauteri* RAFFRAY
(Staphylinidae, Pselaphinae) from Vietnam

Shûhei NOMURA

Department of Zoology, National Science Museum (Nat. Hist.),
3–23–1 Hyakunin-chô, Shinjuku, Tokyo, 169–0073 Japan,

Nguyen Tri TIEN, Nguyen Thi Thu ANH

Department of Environmental Soil Ecology, Institute of Ecology and Biological Resources,
Vietnamese Academy of Science and Technology,
18 Hoang Quoc Viet, Cau Giay, Hanoi, Vietnam

and

Kee-Jeong AHN

Department of Biology, Chungnam National University,
Daejeon, 305–764 South Korea

Abstract *Prosthecarthron sauteri* RAFFRAY previously known from Taiwan, North Korea and Japan is recorded for the first time in Vietnam. Habitat of this species is also noted.

The brachyglutine species *Prosthecarthron sauteri* was originally described by RAFFRAY (1914) from Taiwan. More than half a century later, LÖBL (1974) described *Briara palpalis* from North Korea, which was transferred later to *Barbiera* by LÖBL (1977). He suggested that the habitat of this species is patches of halophilous grasses, a vegetation closest to the sea. NOMURA (1998) reported it from Japan (Honshu, Shikoku, Kyushu) and noted that its habitat in Japanese mainland is patches of the common Japanese reed on the mud at estuaries of rivers. BESUCHET (1999) revised some pselaphine genera and species taxonomically and concluded that *Barbiera palpalis* (LÖBL) is a junior synonym of *Prosthecarthron sauteri* RAFFRAY. Recently, ARAI, NOMURA and KAMEZAWA (2005) reviewed the distribution of this species in Japan and recorded it also from the Ryukyus (Amami-Oshima Is., Okinawajima Is. and Iriomotejima Is.). They reported that its habitat is mangrove in the Ryukyus.

The last author AHN visited Vietnam in June 2005 and collected this species. This is the first record of the species from Vietnam as shown below. Before going further,



Fig. 1. *Prosthecarthron sauteri* RAFFRAY, male.

we wish to express our hearty thanks to Jong-Seok PARK and S. -I. LEE of Chungnam National University Insect Collection, Daejeon, for their kind assistance for the field works.

***Prosthecarthron sauteri* RAFFRAY**

(Fig. 1)

Prosthecarthron sauteri RAFFRAY, 1914, Suppl. ent., **3**: 3. — BESUCHET, 1999, Revue suisse Zool., **106**: 48. — LÖBL & BESUCHET, 2004, Cat. Palaeart. Coleopt., **2**: 300. — ARAI, NOMURA & KAMEZAWA, 2005, Coleopterists' News, Tokyo, (151): 19.

Briara palpalis LÖBL, 1974, Acta zool. cracov., **19**: 97.

Barbiera palpalis: LÖBL, 1977, Bull. Acad. pol. Sci., (Sci. Biol. V), **25**: 236. — NOMURA, 1998, Elytra, Tokyo, **26**: 129.

Specimens examined. 3 males, 14 females, Cat Ba National Park, ex under stones on mangrove beach, Xa Gia Luan, Vietnam, N20°51.048', E106°58.847', 19–VI–2005, K.-J. AHN, S.-I. LEE & J.-S. PARK leg.

Distribution. North Korea, Japan, Taiwan and Vietnam.

Remarks. The specimens examined were collected from the underside of stones on the muddy ground of the mangrove seashore as shown in Fig. 2. As a conclusion concerning the records and the field observation, this species seems widely to inhabit

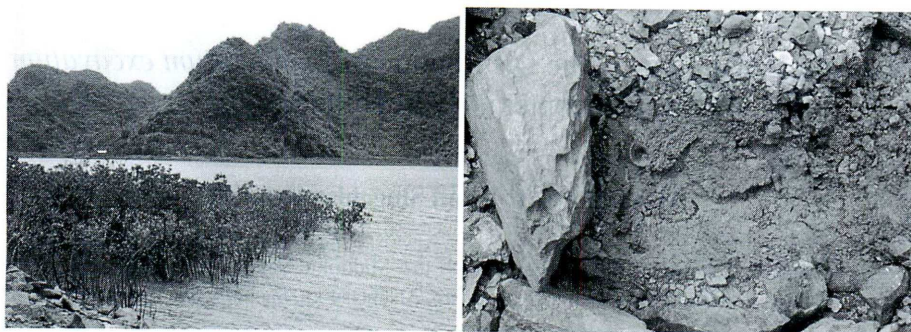


Fig. 2. Habitat of *Prosthecarthron sauteri* RAFFRAY at Cat Ba National Park, Vietnam.

various vegetations of the seaside ground in East to Southeast Asia.

要 約

野村周平・N. T. TIEN・N. T. T. ANH・安 基晶：アシベアリヅカムシのベトナムからの初めての記録（ハネカクシ科・アリヅカムシ亜科）。—— ベトナム，カッ・バー国立公園で安が採集した標本に基づき，アシベアリヅカムシ *Prosthecarthron sauteri* RAFFRAY を初めてベトナムから記録した。本種はこれまで北朝鮮，日本，台湾から知られ，マングローブ（ベトナム，琉球）ヨシ群落（日本本土）など，河口近くのさまざまな植生から発見されている。

References

- ARAI, S., S. NOMURA & H. KAMEZAWA, 2005. Records of *Prosthecarthron sauteri* RAFFRAY from Japan mainland and the Ryukyu Archipelago. *Coleopterists' News, Tokyo*, (151): 19. (In Japanese.)
- BESUCHET, C., 1999. Psélaphides paléarctiques. Notes taxonomiques et faunistiques (Coleoptera Staphylinidae Pselaphinae). *Revue suisse Zool.*, **106**: 45–67.
- LÖBL, I., 1974. Beitrag zur Kenntnis der Pselaphiden (Coleoptera) der Koreanischen Volksdemokratischen Republik. *Acta zool. cracov.*, **19**: 91–104.
- 1977. Weitere Pselaphiden (Coleoptera) von der Koreanischen Volksdemokratischen Republik. *Bull. Acad. pol. Sci., (Sci. Biol. V)*, **25**: 235–241.
- NOMURA, S., 1998. Records of a brachyglutine species *Barbiera palpalis* (LÖBL) (Coleoptera, Staphylinidae, Pselaphinae) from Japan, with notes on its habitat. *Elytra, Tokyo*, **26**: 129–130.
- RAFFRAY, A., 1914. H. SAUTER's Formosa-Ausbeute. Pselaphidae (Col.) II. *Suppl. ent.*, **3**: 1–5.